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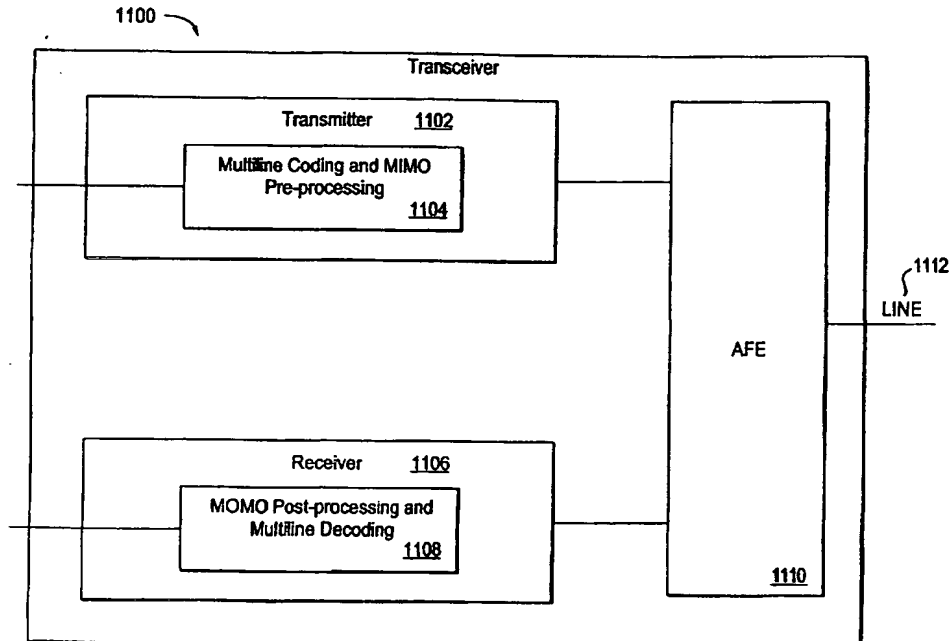
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(54) Title: MULTILINE TRANSMISSION IN COMMUNICATION SYSTEMS



(57) Abstract: A method and system for multiline transmission in communications systems are described. A transmitter (1102) performs MIMO pre-processing (1104) on symbol vectors. A signal vector associated with the symbol vector is transmitted. A receiver (1106) performs MIMO post-processing (1108) on the received signal vectors to minimize the effects of crosstalk on pairs of lines in the multiline communications system.

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